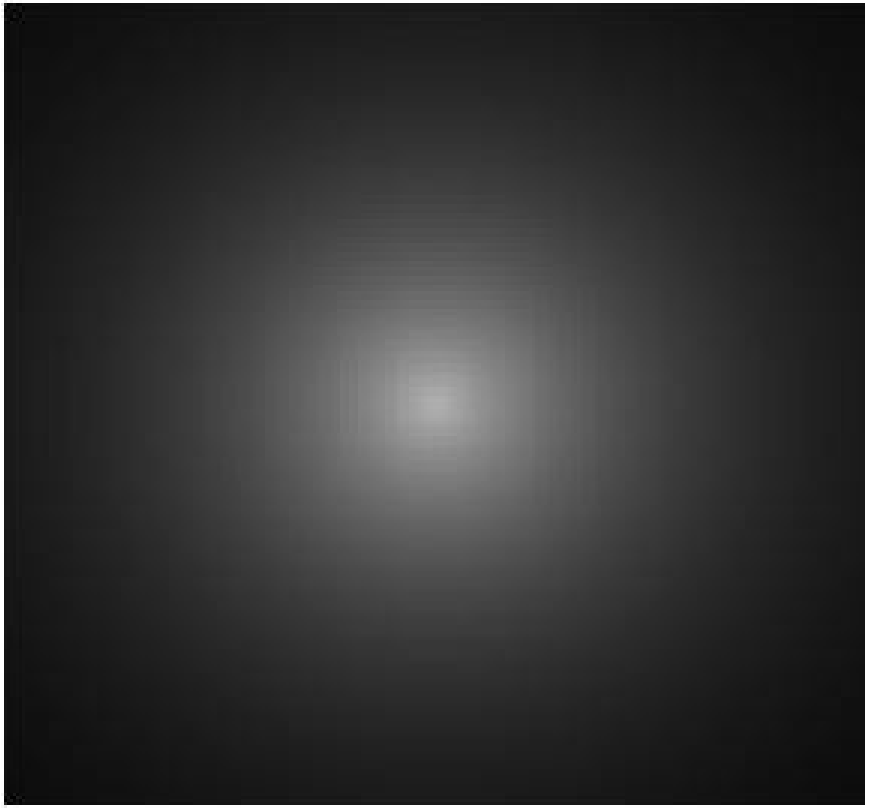

ross-sectional view of the electron probability density for the n = 1, *l* = 0 hydrog
rbital. The number of nodes is n – 1 = 0. Orbitals for which *l* = 0, are called
orbitals, and given a “ns” abbreviation (i.e., a 1s orbital in this case).